Contents of Volume 174, No. 1

FULL PAPERS

PAGE

Biosynthesis and Degradation

Chemical structure and biodegradability of halogenated aromatic compounds. Two catechol 1,2-dioxygenases from a 3-chlorobenzoate-grown pseudomonad.
By E. Dorn & H.-J. Knackmuss 73

Chemical structure and biodegradability of halogenated aromatic compounds. Substituent effects on 1,2-dioxygenation of catechol.
By E. Dorn & H.-J. Knackmuss 85

Effect of non-histone chromosomal proteins on transcription *in vitro* in sea-urchin.
By E. Di Mauro, F. Pedone & M. Pomponi 95

The mechanism of haem catabolism. A study of haem breakdown in spleen microsomal fraction and in a model system by ^{18}O labelling and metal substitution.
By R. F. G. J. King & S. B. Brown 103

A method for the analysis of protein turnover characteristics. Indirect estimation of rates of protein degradation.
By N. Paskin & R. J. Mayer 153

Fatty acid biosynthesis in the leaves of barley, wheat and pea.
By J. Wharfe & J. L. Harwood 163

Distinction between binding and endocytosis of human asialo-transferrin by the rat liver.
By E. Regoeczi, P. Taylor, M. W. C. Hatton, K.-L. Wong & A. Koj 171

Sequential deiodination of thyroxine in rat liver homogenate.
By T. J. Visser, D. Fekkes, R. Docter & G. Hennemann 221

A protein–glucan intermediate during paramylon synthesis.
By A. D. Tomos & D. H. Northcote 283

Turnover of metallothioneins in rat liver.
By R. D. Andersen, W. P. Winter, J. J. Maher & I. A. Bernstein 327

Bioenergetics

The transport of α-aminoisobutyrate into *Crithidia fasciculata*.
By M. Midgley 191

PAGE

Properties of mitochondria isolated from cyanide-sensitive and cyanide-stimulated cultures of *Acanthamoeba castellanii*.
By S. W. Edwards & D. Lloyd 203

The protonmotive force in bovine heart submitochondrial particles. Magnitude, sites of generation and comparison with the phosphorylation potential.
By M. C. Sorgato, S. J. Ferguson, D. B. Kell & P. John 237

The protonmotive force in phosphorylating membrane vesicles from *Paracoccus denitrificans*. Magnitude, sites of generation and comparison with the phosphorylation potential.
By D. B. Kell, P. John & S. J. Ferguson 257

Subcellular Structures

Subcellular distribution of glycosidases in human polymorphonuclear leucocytes.
By R. F. Rest, M. H. Cooney & J. K. Spitznagel 53

The identification of rat intestinal membrane enzymes after electrophoresis on polyacrylamide gels containing sodium dodecyl sulphate.
By H.-P. Hauri & J. R. Green 61

The lipid composition of a barley mutant lacking chlorophyll *b*.
By P. Bolton, J. Wharfe & J. L. Harwood 67

Properties of a cytochrome *c*-enriched light particulate fraction isolated from the photosynthetic bacterium *Rhodopseudomonas spheroides*.
By J. Barrett, C. N. Hunter & O. T. G. Jones 267

Localization of ferrochelatase and of newly synthesized haem in membrane fractions from *Rhodopseudomonas spheroides*.
By J. Barrett & O. T. G. Jones 277

Velocity sedimentation of organelles at low centrifugal force in an isokinetic gradient.
By T. G. Pretlow, II, J. I. Kreisberg, W. D. Fine, G. A. Zieman, M. G. Brattain & T. P. Pretlow 303

Heterogeneity of lysosomes originating from rat liver parenchymal cells. Metabolic relationship of subpopulations separated by density-gradient centrifugation.
By H. Pertoft, B. Wärmegård & M. Höök 309

PAGE

Cellular Interactions and Control Processes

Resistance to the aminoglycoside antibiotic neamine in *Escherichia coli*. A new mutant whose Nea^R phenotype results from the cumulative effects of two distinct mutations.
By G. Delcuve, T. Cabezón, A. Herzog, M. Cannon & A. Bollen 1

Mechanisms of replenishment of nuclear androgen receptor in rat ventral prostate.
By E. Van Doorn & N. Bruchovsky 9

The effect of lipid peroxidation on the calcium-accumulating ability of the microsomal fraction isolated from chicken breast muscle.
By T. J. Player & H. O. Hultin 17

Factors effecting the activity of guanylate cyclase in lysates of human blood platelets.
By A. F. Adams & R. J. Haslam 23

The effects of digestive enzymes on characteristics of placental insulin receptor. Comparison of particulate and soluble receptor preparations.
By S. Clark, M. DeLuise, R. G. Larkins, R. A. Melick & L. C. Harrison 37

Reversal by Triton WR-1339 of ethynyloestradiol-induced hepatic cholesterol esterification.
By R. A. Davis, R. Showalter & F. Kern, Jr. 45

Alterations in response of rat white adipocytes to insulin, noradrenaline, corticotropin and glucagon after adrenalectomy. Correction of these changes by adenosine deaminase.
By B. M. Fernandez & E. D. Saggerson 110

Regulation of pyruvate dehydrogenase activity in rat epididymal fat-pads and isolated adipocytes by adrenaline.
By S. J. Smith & E. D. Saggerson 119

PAGE

A study of regulation of gluconeogenesis and the supply of cytosolic reducing equivalents for lactate formation in rat kidney-cortical-tubule fragments incubated with pyruvate.
By E. D. Saggerson 131

Ontogeny of the vitellogenic response to oestradiol and of the soluble nuclear oestrogen receptor in embryonic-chick liver.
By C. B. Lazier 143

The activity of glucagon-stimulated adenylate cyclase from rat liver plasma membranes is modulated by the fluidity of its lipid environment.
By I. Dipple & M. D. Houslay 179

Effects of maternal ethanol consumption on hepatic lipid biosynthesis in foetal and neonatal rats.
By A. K. Rawat 213

Effect of oestrogen and 1,25-dihydroxycholecalciferol on 25-hydroxycholecalciferol metabolism in primary chick kidney-cell cultures.
By E. Spanos, D. I. Barrett, K. T. Chong & I. MacIntyre 231

Phosphorylation of adenosine monophosphate in the mitochondrial matrix.
By H. A. Krebs & D. Wiggins 297

Metabolism in Whole Organisms

Uptake of substrates for milk-fat synthesis by lactating-rabbit mammary gland.
By C. S. Jones & D. S. Parker 291

Diurnal variation and response to food withdrawal of lactose synthesis in lactating rats.
By D. T. Carrick & N. J. Kuhn 319

RAPID PAPERS

Cellular Interactions and Control Processes

Evidence for the involvement of superoxide in vitamin K-dependent carboxylation of glutamic acid residues of prothrombin.
By M. P. Esnouf, M. R. Green, H. A. O. Hill, G. B. Irvine & S. J. Walter 345

Diminished excretion of polyamines from BHK-21/C13 cells exposed to methylglyoxal bis-(guanylhydrazone).
By M. A. L. Melvin & H. M. Keir 349

Metabolism in Whole Organisms

Is a urea cycle present in insects?
By R. Pant & S. Kumar 341

79 2 1978 013 1 C 2038
QUALITY CONTROL MARK

Contents of Volume 174, No. 2

FULL PAPERS

PAGE

Biosynthesis and Degradation

Comparative biochemistry of β-oxidation. An investigation into the abilities of isolated heart mitochondria of various animal species to oxidize long-chain fatty acids, including the $C_{22:1}$ monoenes.
By H. Osmundsen & J. Bremer 379

Mechanism of dealkylation of clionasterol in the insect *Tenebrio molitor*.
By P. J. Pettler, W. J. S. Lockley, H. H. Rees & T. W. Goodwin 397

Utilization by the isolated perfused rat liver *N*-acetyl-D-[1-^{14}C]galactosamine and *N*-[^{3}H]-acetyl-D-galactosamine for the biosynthesis of glycoproteins.
By A. D. MacNicoll, F. S. Wusteman, G. M. Powell & C. G. Curtis 421

Kinetics of polyamine synthesis and turnover in mouse fibroblasts.
By F. McCormick 427

Effects of amino acids, ammonia and leupeptin on protein synthesis and degradation in isolated rat hepatocytes.
By P. O. Seglen 469

Modeccin, the toxin of *Adenia digitata*. Purification, toxicity and inhibition of protein synthesis *in vitro*.
By A. Gasperi-Campani, L. Barbieri, E. Lorenzoni, L. Montanaro, S. Sperti, E. Bonetti & F. Stirpe 491

Incorporation of ribonucleic acid *in vitro* into dense ribonucleoprotein-like materials by isolated rat liver nuclei.
By I. Suzuka 503

Metabolism and the triggering of germination of *Bacillus megaterium*. Concentrations of amino acids, organic acids, adenine nucleotides and nicotinamide nucleotides during germination.
By I. R. Scott & D. J. Ellar 627

Metabolism and the triggering of germination of *Bacillus megaterium*. Use of L-[^{3}H]alanine and tritiated water to detect metabolism.
By I. R. Scott & D. J. Ellar 635

PAGE

Bioenergetics

Superoxide dismutase and catalase in the protection of the proton-donating systems of nitrogen fixation in the blue–green alga *Anabaena cylindrica*.
By L. E. A. Henry, I. N. Gogotov & D. O. Hall 373

The purification and some properties of rusticyanin, a blue copper protein involved in iron(II) oxidation from *Thiobacillus ferrooxidans*.
By J. C. Cox & D. H. Boxer 497

Derivation of an electron-transport rate equation, energy-conservation equations and a luminescence-flux equation of algal and plant photosynthesis.
By Y.-S. Li 569

Calcium ion cycling in rat liver mitochondria.
By C. Ramachandran & F. L. Bygrave 613

Subcellular Structures

The distribution of phosphatidylinositol in microsomal membranes from rat liver after biosynthesis *de novo*. Evidence for the existence of different pools of microsomal phosphatidylinositol by the use of phosphatidylinositol-exchange protein.
By P. J. Brophy, P. Burbach, S. A. Nelemans, J. Westerman, K. W. A. Wirtz & L. L. M. van Deenen 413

Analytical subcellular fractionation of needle-biopsy specimens from human liver.
By T. J. Peters & C. A. Seymour 435

The brush border of rabbit kidney, a cellular compartment free of glycolytic enzymes.
By D. Busse, H. U. Wahle, H. Bartel & B. Pohl 509

Transverse organization of phospholipids across the bilayer plasma-membrane subfractions of rat hepatocytes.
By J. A. Higgins & W. H. Evans 563

PAGE

Differential light-scattering of granal and agranal chloroplasts and their fragments.
By Á. Faludi-Dániel, G. E. Bailek, G. Horváth, Z. Sz.-Rózsa & R. P. F. Gregory 647

Cellular Interactions and Control Processes

Oestrogen-induced cholesterol and fatty acid biosynthesis in *Xenopus laevis* liver during vitellogenic response.
By D. F. Smith, T. M. Penning, A. Q. Ansari, K. A. Munday & M. Akhtar 353

Measurement of adenosine 3′:5′-cyclic monophosphate by competitive binding to salt-dissociated protein kinase.
By S. O. Døskeland & H.-J. Haga 363

The pH-dependence of sugar transport and of glycolysis in cultured Ehrlich ascites-tumour cells.
By E. Kaminskas 453

Induction of rat kidney gluconeogenesis during acute liver intoxication by carbon tetrachloride.
By M. J. Faus, J. A. Lupiáñez, A. Vargas & F. Sánchez-Medina 461

Chromatin structure through the cell cycle. Studies with regenerating rat liver.
By A. Caplan, M. G. Ord & L. A. Stocken 475

The effect of sugars on (pro)insulin biosynthesis.
By S. J. H. Ashcroft, J. Bunce, M. Lowry, S. E. Hansen & C. J. Hedeskov 517

The effect of dietary carbohydrate and fat on the activities of some enzymes responsible for glycerolipid synthesis in rat liver.
By H. P. Glenny, M. Bowley, S. L. Burditt, J. Cooling, P. H. Pritchard, R. G. Sturton & D. N. Brindley 535

Effects of testosterone on messenger ribonucleic acid and protein synthesis in rat seminal vesicle.
By S. J. Higgins & J. M. Burchell 543

The mode of regulation of pyruvate dehydrogenase of lactating rat mammary gland. Effects of starvation and insulin.
By M. A. Baxter & H. G. Coore 553

The role of lipid components of the diet in the regulation of the fatty acid composition of the rat liver endoplasmic reticulum and lipid peroxidation.
By C. T. Hammer & E. D. Wills 585

PAGE

The influence of passive stretch on the growth and protein turnover of the denervated extensor digitorum longus muscle.
By D. F. Goldspink 595

Phosphorylation of glucose in isolated rat hepatocytes. Sigmoidal kinetics explained by the activity of glucokinase alone.
By F. Bontemps, L. Hue & H.-G. Hers 603

Effect of adrenalectomy on acceleration of gluconeogenesis by calcium ions, adenosine 3′:5′-cyclic monophosphate and adrenaline in rat kidney tubules.
By D. W. R. Macdonald & E. D. Saggerson 641

Development

Developmental change in the activity of lipoprotein lipase (clearing-factor lipase) in rat lung, cardiac muscle, skeletal muscle and brown adipose tissue.
By A. Cryer & H. M. Jones 447

Functional heterogeneity of UDP-glucuronosyltransferase as indicated by its differential development and inducibility by glucocorticoids. Demonstration of two groups within the enzyme's activity towards twelve substrates.
By G. J. Wishart 485

Adenine nucleotides in foetal rat liver cells. Compartmentation and variation with age.
By P. H. van Lelyveld & F. A. Hommes 527

Metabolism in Whole Organisms

Glutamine metabolism in the kidney during induction of, and recovery from, metabolic acidosis in the rat.
By D. M. Parry & J. T. Brosnan 387

Metabolism of surfactants sodium undecyltriethoxy sulphate and sodium dodecyltriethoxy sulphate in the rat.
By A. J. Taylor, G. M. Powell, D. Howes, J. G. Black & A. H. Olavesen 405

The metabolic fate of [2-^{14}C]folic acid and a mixture of [2-^{14}C]- and [3′,5′,9-^{3}H]-folic acid in the rat.
By P. A. Barford, F. J. Staff & J. A. Blair 579

The biochemical basis for the conjugation of bile acids with either glycine or taurine.
By D. A. Vessey 621

RAPID PAPERS

PAGE

Biosynthesis and Degradation

Stereospecific biosynthesis of triacylglycerols in mammary glands from lactating rats.
By S. M. Cooper & M. R. Grigor 659

The lipoprotein lipase (clearing-factor lipase) activity of cells isolated from rat cardiac muscle.
By P. Chohan & A. Cryer 663

Cellular Interactions and Control Processes

The involvement of phosphatidate phosphohydrolase and phospholipase A activities in the control of hepatic glycerolipid synthesis. Effects of acute feeding with glucose, sorbitol, glycerol and ethanol.
By R. G. Sturton, P. H. Pritchard, L.-Y. Han & D. N. Brindley 667

PAGE

Demonstration of functional heterogeneity of hepatic uridine diphosphate glucuronosyltransferase activities after administration of 3-methylcholanthrene and phenobarbital to rats.
By G. J. Wishart 671

Development

Disialoganglioside G_{D1a} of rat brain subcellular particles during development.
By H. K. M. Yusuf & J. W. T. Dickerson 655

Contents of Volume 174, No. 3, 1978

FULL PAPERS

PAGE

Biosynthesis and Degradation

The biosynthesis of brain gangliosides. Ganglioside-glycosylating activity in rat brain neuronal perikarya fraction.
By H. J. F. Maccioni, S. S. Defilipo, C. A. Landa & R. Caputto 673

Reconstitution of chlorophyllide formation by isolated etioplast membranes.
By W. T. Griffiths 681

Oxidative degradation of haemoglobin by nitrosobenzene in the erythrocyte.
By K. Hirota, H. A. Itano & T. S. Vedvick 693

Measurement and kinetic study of the formation of adrenaline sulphate *in vitro*.
By K. P. Wong 777

Uptake and degradation of iodine-labelled chylomicron remnant particles by monolayers of rat hepatocytes.
By C. H. Florén & Å. Nilsson 827

Some high-performance liquid-chromatographic studies of the metabolism of aflatoxins by rat liver microsomal preparations.
By G. E. Neal & P. J. Colley 839

Biosynthesis of plasma-membrane proteins during myogenesis of skeletal muscle *in vitro*.
By G. A. Cates & P. C. Holland 873

PAGE

Effect of zinc status of rats on the synthesis and degradation of copper-induced metallothioneins.
By I. Bremner, W. G. Hoekstra, N. T. Davies & B. W. Young 883

Catalase model systems. Decomposition of hydrogen peroxide catalysed by mesoferrihaem, deuteroferrihaem, coproferrihaem and haematoferrihaem.
By H. Hatzikonstantinou & S. B. Brown 893

The role of peroxide in haem degradation. A study of the oxidation of ferrihaems by hydrogen peroxide.
By S. B. Brown, H. Hatzikonstantinou & D. G. Herries 901

Bioenergetics

The interaction between mitochondrial NADH–ubiquinone oxidoreductase and ubiquinol–cytochrome *c* oxidoreductase. Evidence for stoicheiometric association.
By C. I. Ragan & C. Heron 783

The interaction between mitochondrial NADH–ubiquinone oxidoreductase and ubiquinol–cytochrome *c* oxidoreductase. Restoration of ubiquinone-pool behaviour.
By C. Heron, C. I. Ragan & B. L. Trumpower 791

PAGE

The membrane potential of mouse ascites-tumour cells studied with the fluorescent probe 3,3′-dipropyloxadicarbocyanine. Amplitude of the depolarization caused by amino acids.
By R. D. Philo & A. A. Eddy 801

Equilibrium and steady-state models of the coupling between the amino acid gradient and the sodium electrochemical gradient in mouse ascites-tumour cells.
By R. D. Philo & A. A. Eddy 811

Sub-mitochondrial location of Ruthenium Red-sensitive calcium-ion transport and evidence for its enrichment in a specific population of rat liver mitochondria.
By F. L. Bygrave, T. P. Heaney & C. Ramachandran 1011

The subcellular location, maturation and response to increased plasma glucagon of Ruthenium Red-insensitive calcium-ion transport in rat liver.
By F. L. Bygrave & C. J. Tranter 1021

Subcellular Structures

Changes in the form of Arrhenius plots of the activity of glucagon-stimulated adenylate cyclase and other hamster liver plasma-membrane enzymes occurring on hibernation.
By M. D. Houslay & R. W. Palmer 909

Subcellular structure of bovine thyroid gland. The localization of the peroxidase activity in bovine thyroid.
By M. J. S. de Wolf, A. R. Lagrou, H. J. J. Hilderson, G. A. F. van Dessel & W. S. H. Dierick 939

Taurocholate–sodium co-transport by brush-border membrane vesicles isolated from rat ileum.
By H. Lücke, G. Stange, R. Kinne & H. Murer 951

Cellular Interactions and Control Processes

A simple assay for adenylate cyclase in intact cells by affinity elution chromatography.
By A. K. Sinha & R. W. Colman 699

Aerobic glycolysis and lymphocyte transformation.
By D. A. Hume, J. L. Radik, E. Ferber & M. J. Weidemann 703

The role of calcium ions in the regulation of rat thymocyte pyruvate oxidation by mitogens.
By D. A. Hume, E. K. Vijayakumar, F. Schweinberger, L. M. Russell & M. J. Weidemann 711

PAGE

Asynchrony in the synthesis of secretory proteins in the venom gland of the snake *Vipera palaestinae*.
By U. Oron, S. Kinamon & A. Bdolah 733

Activity and androgenic control of enzymes associated with the tricarboxylic acid cycle, lipid oxidation and mitochondrial shuttles in the epididymis and epididymal spermatozoa of the rat.
By D. E. Brooks 741

The time course of the effect of hypophysectomy and oestrogen treatment on the hepatic metabolism of androst-4-ene-3,17-dione in male and female rats.
By P. Skett 753

Effects of glucagon and insulin on fatty acid synthesis and glycogen degradation in the perfused liver of normal and genetically obese (*ob*/*ob*) mice
By G. Y. Ma, C. D. Gove & D. A. Hems 761

Cerebral oxidized and reduced nicotinamide–adenine dinucleotide phosphate and glucose 6-phosphate dehydrogenase in mice during exposure to high oxygen pressure.
By D. E. Dodd & M. D. Faiman 769

Metabolic activation of acetylenic substituents to derivatives in the rat causing the loss of hepatic cytochrome *P*-450 and haem.
By I. N. H. White 853

The submicrosomal localization of acyl-coenzyme A–cholesterol acyltransferase and its substrate, and of cholesteryl esters in rat liver.
By S. Balasubramaniam, S. Venkatesan, K. A. Mitropoulos & T. J. Peters 863

Prostaglandin receptors on human platelets. Structure activity relationships of stimulatory prostaglandins.
By D. E. MacIntyre, E. W. Salzman & J. L. Gordon 921

Effects of *p*-chlorophenylalanine and α-methylphenylalanine on amino acid uptake and protein synthesis in mouse neuroblastoma cells.
By C. J. Kelly & T. C. Johnson 931

Protection of the pancreatic β-cell glucoreceptor mechanism for insulin secretion during culture in chemically defined medium.
By E. Gylfe 959

PAGE

Activities and some properties of 5′-nucleotidase, adenosine kinase and adenosine deaminase in tissues from vertebrates and invertebrates in relation to the control of the concentration and the physiological role of adenosine.
By J. R. S. Arch & E. A. Newsholme 965

Properties of pyruvate kinase and phosphoenolpyruvate carboxykinase in relation to the direction and regulation of phosphoenolpyruvate metabolism in muscles of the frog and marine invertebrates.
By V. A. Zammit & E. A. Newsholme 979

Maximum activities and effects of fructose bisphosphate on pyruvate kinase from muscles of vertebrates and invertebrates in relation to the control of glycolysis.
By V. A. Zammit, I. Beis & E. A. Newsholme 989

Zinc-binding protein in the livers of neonatal, normal and partially hepatectomized rats.
By H. Ohtake, K. Hasegawa & M. Koga 999

Product inhibition of *o*-aminophenol glucuronidation by *p*-nitrophenyl glucuronide in detergent-treated microsomal fractions.
By R. D. Howland 1007

PAGE

Alkylation of deoxyribonucleic acid *in vivo* in various organs of C57BL mice by the carcinogens *N*-methyl-*N*-nitrosourea, *N*-ethyl-*N*-nitrosourea and ethyl methanesulphonate in relation to induction of thymic lymphoma. Some applications of high-pressure liquid chromatography.
By J. V. Frei, D. H. Swenson, W. Warren & P. D. Lawley 1031

Control of sterol metabolism in rat adrenal mitochondria.
By J. I. Mason, J. R. Arthur & G. S. Boyd 1045

Development

Polyamine metabolism in liver of young rats.
By M. E. Brosnan, G. W. Symonds, D. E. Hall & D. L. Symonds 727

Influence of mouse age and erythrocyte age on glutathione metabolism
By E. C. Abraham, J. F. Taylor & C. A. Lang 819

Metabolism in Whole Organisms

The location of purine phosphoribosyltransferase activities in *Escherichia coli*.
By M. G. P. Page & K. Burton 717

RAPID PAPERS

PAGE

Bioenergetics

Inability of tributyltin-induced chloride/hydroxyl exchange to stimulate calcium transport in mitochondria isolated from flight muscle of the sheep blowfly *Lucilia cuprina*.
By F. L. Bygrave & R. L. Smith 1075

Subcellular Structures

Sodium-dependent alanine transport in plasma-membrane vesicles from rat liver.
By J. M. M. van Amelsvoort, H. J. Sips & K. van Dam 1083

Cellular Interactions and Control Processes

Regulation of monkey liver serine hydroxymethyltransferase by nicotinamide nucleotide.
By K. S. Ramesh & N. A. Rao 1055

PAGE

The adenylate cyclase-activating activity of cholera toxin is not associated with a nicotinamide–adenine dinucleotide glycohydrolase activity.
By R. M. Tait & S. van Heyningen 1059

Effect of imposed serum deprivation on growth of the mouse 3T3 cell. Dissociation from changes in potassium ion transport as measured from [^{86}Rb]rubidium ion uptake.
By J. T. Tupper & L. Zografos 1063

Differentiation of the changes in alkaline phosphatase from calcium ion-activated adenosine triphosphatase activities associated with increased calcium absorption in chick intestine
By S. M. Lane & D. E. M. Lawson 1067

PAGE

Dibutyryladenosine 3′:5′-cyclic monophosphate-mediated changes in rat cells involve macromolecular alterations in vinblastine-precipitable proteins
By A. T. Meza & M. Rieber 1071

PAGE

General Methods

Interference by branched-chain amino acids in the assay of alanine with alanine dehydrogenase
By P. Lund & G. Baverel 1079

INDEXES

PAGE

Author Index 1087

PAGE

Subject Index 1093